



UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for original applications)</i> APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	Attorney Docket No. 1568.1081 First Named Inventor or Application Identifier: Ju-hyung KIM et al. Express Mail Label No. ADDRESS TO: Commissioner for Patents Box Patent Application PO Box 1450 Alexandria, VA 22313-1450
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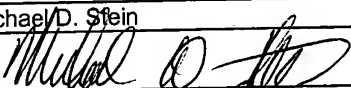
1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract[Total Pages: 15]
3. ☒ Drawing(s) (35 USC 113)[Total Sheets: 6] [FIGS. 1-3, 4A, 4B, 5A, 5B, 6A and 6B]
4. ☒ Oath or Declaration[Total Pages: 1]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
 - i. ☐ **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application,
 see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Korean Application 2002-84072 filed December 26, 2002
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as Samsung SDI Co., Ltd of Kyungki-do, Korea. The Assignment papers will be filed later.

ACCOMPANYING APPLICATION PARTS
11. <input checked="" type="checkbox"/> Assignment (cover sheet & document(s)) to Samsung SDI Co., Ltd of Kyungki-do, Korea <input checked="" type="checkbox"/> for publication of assignee information under 37 CFR 1.215(b) <input type="checkbox"/> Power of Attorney
12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)
13. <input type="checkbox"/> English Translation Document (if applicable)
14. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
15. <input type="checkbox"/> Preliminary Amendment
16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. <input type="checkbox"/> Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
19. <input type="checkbox"/> Other:

20. CORRESPONDENCE ADDRESS <div style="text-align: center; font-size: 24px; font-weight: bold;">21171</div>

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120503

S&H Form (10/03)

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No.	1568.1081		
		Application Number	(Unassigned)		
		Filing Date	December 5, 2003		
AMOUNT ENCLOSED	\$ 1370.00	First Named Inventor	Ju-hyung KIM et al.		
FEE CALCULATION (fees effective 10/01/03)					
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	32 - 20 =	12	X \$ 18.00 =	\$ 216.00
	INDEPENDENT CLAIMS	7 - 3 =	4	X \$ 86.00 =	344.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$290.00 =	
				BASIC FILING FEE	770.00
				Total of above Calculations =	\$ 1330.00
	Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)				
	Reduction by 50% for filing by small entity (37 CFR 1.27).				
				TOTAL FILING FEE =	\$ 1330.00
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h))				40.00
			TOTAL FEES DUE =	\$ 1370.00	
METHOD OF PAYMENT					
<input checked="" type="checkbox"/> Check enclosed as payment. <input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below. <input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).					
GENERAL AUTHORIZATION					
<input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:					
Deposit Account No.		19-3935			
Deposit Account Name		STAAS & HALSEY LLP			
<input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.					
SUBMITTED BY: STAAS & HALSEY LLP					
Typed Name	Michael D. Stein		Reg. No.	37,240	
Signature			Date	12/5/03	

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